

IN THE CLAIMS

Please amend claims 38-39, 50, 62 and 73 as indicated below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 37 (cancelled)

- 1 / Claim 38 (currently amended) A mobile client computer comprising:
2 a housing sized to be held and manipulated by the hand of a user;
3 a processor mounted within the housing for processing digital data;
4 memory mounted within the housing for storing digital data and coupled to the
5 processor; a display mounted in the housing and coupled to the processor and the
6 memory for displaying information derived from digital data processed by the
7 processor;
8 an input digitizer mounted in the housing and overlaying the display, the
9 digitizer being coupled to the processor for input of digital data by a user; and
10 a control program stored in the memory and accessible by the processor for
11 directing the processing of digital data by the processor;
12 the control program and the processor cooperating, when the control program
13 is executing on the processor, in
14 a) displaying a form defining data fields; and
15 b) exercising a predictive widget to supply a data entry for a defined data
16 field;
17 wherein the control program and the processor cooperate, when the control
18 program is executing on the processor, in exercising the predictive widget to supply a
19 predictive default entry for the defined data field, wherein the defined data field is

20 filled with the predictive default entry prior to a user entering a character in the
 21 defined data field.

1 /Claim 39 (currently amended) A mobile client computer comprising:

2 a housing sized to be held and manipulated by the hand of a user;

3 a processor mounted within the housing for processing digital data;

4 memory mounted within the housing for storing digital data and coupled to the
 5 processor; a display mounted in the housing and coupled to the processor and the
 6 memory for displaying information derived from digital data processed by the
 7 processor;

8 an input digitizer mounted in the housing and overlaying the display, the
 9 digitizer being coupled to the processor for input of digital data by a user; and

10 a control program stored in the memory and accessible by the processor for
 11 directing the processing of digital data by the processor;

12 the control program and the processor cooperating, when the control program
 13 is executing on the processor, in

14 a) displaying a form defining data fields; and

15 b) exercising a predictive widget to supply a data entry for a defined data
 16 field;

17 wherein the control program and the processor cooperate, when the control
 18 program is executing on the processor, in storing a predictive list and selecting a
 19 predictive default entry from the predictive list based on a predetermined algorithm,
 20 wherein the defined data field is filled with the predictive default entry prior to a user
 21 entering a character in the defined data field.

Claims 40-44 (cancelled)

1 /Claim 45 (previously presented) A mobile client computer comprising:

2 a housing sized to be held and manipulated by the hand of a user;

3 a processor mounted within the housing for processing digital data;

4 memory mounted within the housing for storing digital data and coupled to the
5 processor; a display mounted in the housing and coupled to the processor and the
6 memory for displaying information derived from digital data processed by the
7 processor;

8 an input digitizer mounted in the housing and overlaying the display, the
9 digitizer being coupled to the processor for input of digital data by a user; and

10 a control program stored in the memory and accessible by the processor for
11 directing the processing of digital data by the processor;

12 the control program and the processor cooperating, when the control program
13 is executing on the processor, in

14 a) displaying a form defining data fields; and

15 b) exercising a predictive widget to supply a data entry for a defined data
16 field;

17 wherein the control program and the processor cooperate, when the control
18 program is executing on the processor, in storing a predictive list and selecting a data
19 entry from the predictive list based on a predetermined algorithm;

20 wherein the control program and the processor cooperate, when the control
21 program is executing on the processor, in selecting a data entry from the predictive
22 list based upon a user selected weighted determination of the recency and frequency
23 of use of listed data entries.

1 / Claim 46 (previously presented) A mobile client computer comprising:

2 a housing sized to be held and manipulated by the hand of a user;

3 a processor mounted within the housing for processing digital data;

4 memory mounted within the housing for storing digital data and coupled to the
5 processor; a display mounted in the housing and coupled to the processor and the
6 memory for displaying information derived from digital data processed by the
7 processor;

8 an input digitizer mounted in the housing and overlaying the display, the
9 digitizer being coupled to the processor for input of digital data by a user; and

10 a control program stored in the memory and accessible by the processor for
11 directing the processing of digital data by the processor;

12 the control program and the processor cooperating, when the control program
13 is executing on the processor, in

14 a) displaying a form defining data fields; and

15 b) exercising a predictive widget to supply a data entry for a defined data
16 field;

17 wherein the control program and the processor cooperate, when the control
18 program is executing on the processor, in storing a predictive list and selecting a data
19 entry from the predictive list based on a predetermined algorithm;

20 wherein the control program and the processor cooperate, when the control
21 program is executing on the processor, in storing the predictive list as a sequence of
22 possible data entries and in ordering the sequence by positioning a leading portion of
23 the sequence based on the recency of use of listed data entries and a trailing portion of
24 the sequence based on the frequency of use of listed data entries.

Claims 47-49 (cancelled)

1 / Claim 50 (currently amended) A computer comprising:

2 a housing;

3 a processor mounted within the housing and processing digital data;

4 memory mounted within the housing for storing digital data and coupled to
5 the processor;

6 a display coupled to the processor and the memory to display information
7 derived from digital data processed by the processor; and

8 a control program stored in the memory and accessible by the processor to
9 direct the processing of digital data by the processor;

the control program and the processor cooperating, when the control program is executing on the processor, in

- a) displaying a form defining data fields; and
- b) exercising a predictive widget to supply a data entry for a defined data field;

wherein the control program and the processor cooperate, when the control program is executing on the processor, in exercising the predictive widget to supply a predictive default entry for the defined data field, wherein the defined data field is filled with the predictive default entry prior to a user entering a character in the defined data field.

Claim 51 (previously presented) The computer according to Claim 50, wherein the control program and the processor cooperate, when the control program is executing on the processor, in storing a predictive list and selecting a predictive default entry from the predictive list based on a predetermined algorithm.

Claims 52-56 (cancelled)

Claim 57 (previously presented) A computer comprising:

- a housing;
 - a processor mounted within the housing and processing digital data;
 - memory mounted within the housing for storing digital data and coupled to the processor;
 - a display coupled to the processor and the memory to display information derived from digital data processed by the processor; and
 - a control program stored in the memory and accessible by the processor to direct the processing of digital data by the processor;
- the control program and the processor cooperating, when the control program is executing on the processor, in
- a) displaying a form defining data fields; and

b) exercising a predictive widget to supply a data entry for a defined data field;

wherein the control program and the processor cooperate, when the control program is executing on the processor, in a storing predictive list and selecting a data entry from the predictive list based on a predetermined algorithm;

wherein the control program and the processor cooperate, when the control program is executing on the processor, in selecting a data entry from the predictive list based upon a user selected weighted determination of the recency and frequency of use of listed data entries.

✓ Claim 58 (previously presented) A computer comprising:

a housing;

a processor mounted within the housing and processing digital data;

memory mounted within the housing for storing digital data and coupled to the processor;

a display coupled to the processor and the memory to display information derived from digital data processed by the processor; and

a control program stored in the memory and accessible by the processor to direct the processing of digital data by the processor;

the control program and the processor cooperating, when the control program is executing on the processor, in

a) displaying a form defining data fields; and

b) exercising a predictive widget to supply a data entry for a defined data field;

wherein the control program and the processor cooperate, when the control program is executing on the processor, in a storing predictive list and selecting a data entry from the predictive list based on a predetermined algorithm;

wherein the control program and the processor cooperate, when the control program is executing on the processor, in storing the predictive list as a sequence of

20 possible data entries and in ordering the sequence by positioning a leading portion of
 21 the sequence based on the recency of use of listed data entries and a trailing portion of
 22 the sequence based on the frequency of use of listed data entries.

Claims 59-61 (cancelled)

1 ✓ Claim 62 (currently amended) A display generating system comprising:
 2 a housing;
 3 a processor mounted within the housing and processing digital data;
 4 memory mounted within the housing for storing digital data and coupled to
 5 the processor;
 6 the processor and the memory cooperating in supplying digital data driving a
 7 display of visual images; and
 8 a control program stored in the memory and accessible by the processor to
 9 direct the processing of digital data by the processor;
 10 the control program and the processor cooperating, when the control program
 11 is executing on the processor, in
 12 a) displaying a form defining data fields; and
 13 b) exercising a predictive widget to supply a data entry for a defined data
 14 field;
 15 wherein the control program and the processor cooperate, when the control
 16 program is executing on the processor, in exercising the predictive widget to supply a
 17 predictive default entry for the defined data field, wherein the defined data field is
 18 filled with the predictive default entry prior to a user entering a character in the
 19 defined data field.

1 Claim 63 (previously presented) The system according to Claim 62, wherein the
 2 control program and the processor cooperate, when the control program is executing
 3 on the processor, in storing a predictive list and selecting a predictive default entry
 4 from the predictive list based on a predetermined algorithm.

Claims 64-68 (cancelled)

1 / Claim 69 (previously presented) A display generating system comprising:
 2 a housing;
 3 a processor mounted within the housing and processing digital data;
 4 memory mounted within the housing for storing digital data and coupled to
 5 the processor;
 6 the processor and the memory cooperating in supplying digital data driving a
 7 display of visual images; and
 8 a control program stored in the memory and accessible by the processor to
 9 direct the processing of digital data by the processor;
 10 the control program and the processor cooperating, when the control program
 11 is executing on the processor, in
 12 a) displaying a form defining data fields; and
 13 b) exercising a predictive widget to supply a data entry for a defined data
 14 field;
 15 wherein the control program and the processor cooperate, when the control
 16 program is executing on the processor, in storing a predictive list and selecting a data
 17 entry from the predictive list based on a predetermined algorithm;
 18 wherein the control program and the processor cooperate, when the control
 19 program is executing on the processor, in selecting a data entry from the predictive
 20 list based upon a user selected weighted determination of the recency and frequency
 21 of use of listed data entries.

1 / Claim 70 (previously presented) A display generating system comprising:
 2 a housing;
 3 a processor mounted within the housing and processing digital data;
 4 memory mounted within the housing for storing digital data and coupled to
 5 the processor;

6 the processor and the memory cooperating in supplying digital data driving a
7 display of visual images; and

8 a control program stored in the memory and accessible by the processor to
9 direct the processing of digital data by the processor;

10 the control program and the processor cooperating, when the control program
11 is executing on the processor, in

12 a) displaying a form defining data fields; and

13 b) exercising a predictive widget to supply a data entry for a defined data
14 field;

15 wherein the control program and the processor cooperate, when the control
16 program is executing on the processor, in storing a predictive list and selecting a data
17 entry from the predictive list based on a predetermined algorithm;

18 wherein the control program and the processor cooperate, when the control
19 program is executing on the processor, in storing the predictive list as a sequence of
20 possible data entries and in ordering the sequence by positioning a leading portion of
21 the sequence based on the recency of use of listed data entries and a trailing portion of
22 the sequence based on the frequency of use of listed data entries.

Claims 71-72 (cancelled)

1 ✓ Claim 73 (currently amended) A system, comprising:

2 a memory unit operable for storing a computer program operable for
3 predicting a user's choice in one or more entries in a form;

4 a processor coupled to said memory unit, wherein said processor, responsive
5 to said computer program, comprises:

6 circuitry operable for predicting a default user's choice in an entry in
7 said form prior to said user enters a character in said entry; and

8 circuitry operable for predictively filling an entry in said form after
9 said user enters one or more characters in said entry.

1 Claim 74 (previously presented) The system as recited in claim 73, wherein said
2 predicting said default user's choice is based on one of a recency and a frequency of
3 data entries previously entered by said user in one or more entries in said form.

1 Claim 75 (previously presented) The system as recited in claim 73, wherein said
2 predicting said default user's choice is based on a combination of a recency and a
3 frequency of data entries previously entered by said user in one or more entries in
4 said form.

1 Claim 76 (previously presented) The system as recited in claim 73, wherein said
2 predictively filling said entry in said form after said user enters one or more
3 characters in said entry is based on a combination of a recency and a frequency of
4 data entries previously entered by said user in one or more entries in said form.

1 Claim 77 (previously presented) The system as recited in claim 73, wherein said
2 processor further comprises:

3 circuitry operable for presenting to said user a list of data entries most likely
4 to be selected by said user to fill an entry in said form, wherein said list of data entries
5 comprises data entries previously entered by said user in one or more entries in said
6 form.

1 Claim 78 (previously presented) The system as recited in claim 77, wherein said list
2 of data entries is organized by one of a recency and a frequency of data entries
3 previously entered by said user in one or more entries in said form.

1 Claim 79 (previously presented) The system as recited in claim 77, wherein said list
2 of data entries is organized by a combination of a recency and a frequency of data
3 entries previously entered by said user in one or more entries in said form.